

Listing and Amendments to the Claims:

This listing of claims will replace, without prejudice, all prior versions, and listings, of claims in the application:

1-9. (Canceled)

10. (New) A device for capturing the potential energy of water, comprising:
a rotatable wheel comprising blades; and
a fixed part located inside the rotatable wheel and serving as a dam to retain a water level.

11. (New) Device according to claim 10, comprising a lower fixed part for channeling inflowing water, enabling kinetic energy of the water to be captured.

12. (New) Device according to claim 10, wherein the rotatable wheel comprises a bladed wheel comprising support discs supporting the blades.

13. (New) Device according to claim 12, wherein the support discs have a toothed outer form.

14. (New) Device according to claim 12, wherein the support discs have an untoothed outer form.

15. (New) Device according to claim 12, wherein the blades have a hydrodynamic shape and the discs have a corresponding outer form.

16. (New) Device according to claim 12 that is arranged to operate in a reversible hydraulic flow.

17. (New) Device according to claim 12 comprising lift-type means for lifting fish from an outlet of the device to water upstream of the device.

18. (New) Device according to claim 12, comprising flaps pivotably attached to the rotatable part, said flaps actuatable to entrap fish at an outlet of the device and actuatable to release entrapped fish into water upstream of the device.